

WINMANIRAJA B

Cloud & DevOps Engineer

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GitHub: <https://github.com/winu-git>

Portfolio: <https://winu-git.github.io/portfolio/>

EXECUTIVE SUMMARY

Enthusiastic Cloud & DevOps Engineer with hands-on experience in AWS cloud services, DevOps practices, and CI/CD pipelines through projects and training. Skilled in deploying applications on AWS and automating workflows with Jenkins, Docker, Kubernetes. Certified in AWS-DevOps with strong knowledge of cloud infrastructure, eager to contribute to cloud/DevOps teams in an entry-level role.

TECHNICAL SKILLS

Cloud: AWS (EC2, S3, Lambda, VPC, Route53, IAM, RDS, ELB, EBS, CloudFront, CloudWatch, SNS, SES, EKS)

DevOps Tools: Git, GitHub, Jenkins, Maven, Ansible, Terraform, CI/CD, AWS CodeBuild, CodePipeline

Containerization & Orchestration: Docker, Kubernetes (EKS)

Programming & Scripting: HTML, CSS, Bash, Shell

Databases: MySQL, DynamoDB

Operating Systems: Linux (Ubuntu, Amazon Linux), Windows Server.

CERTIFICATIONS | TRAINING

AWS DevOps Training – FITA Academy | Completed 2025

Hands-on experience in AWS core services (EC2, S3, IAM, VPC, RDS) and DevOps practices including Jenkins CI/CD pipeline, automation using Ansible, and containerized deployments using Docker & Kubernetes.

PROJECTS

Three-Tier Movie Booking Website on AWS

- Deployed a 3-tier architecture on AWS using EC2, RDS, and VPC
- Configured IAM, Security Groups and Route53 for secure access
- Implemented ELB + AutoScaling to ensure availability and SES for Email conformation.

Serverless AI Chatbot using AWS Lambda & S3

- Built serverless Chatbot hosted on S3 with backend logic in AS Lambda
- Enabled monitoring with CloudWatch (reduced downtime)
- Used API Gateway for API integration and DynamoDB for persistent data storage.

ACADEMIC QUALIFICATIONS

Dr.N.G.P Arts and Science College (2022-2025)
B.Sc Information Technology | CGPA -6.5

Hindusthan Matriculation Higher Secondary School (2021-2022)
HSC | CGPA -8.9

SMT D Padmavathi Ammal High School (2019-2020)
SSLC | CGPA -7.1

INTERNSHIP

Full Stack Python Intern | Soft Technologies (Dec 2024 – Apr 2025)

- Completed full stack Python Internship focused on programming languages.
- Worked with Machine Learning algorithms (XG Boost for accurate decision)

JOURNAL PUBLICATIONS

IOT – Based Air Pollution Monitoring and Forecasting System

International Journal of Innovation Technology and Creative Engineering (IJITCE), Vol. 27, No.09, pp. 1206 –1210, May 2024. ISSN: 2045 – 8711.

Rainfall Prediction System Using Machine Learning Algorithm

International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE) Vol. 13, issue 3, March 2025, | IJIREEICE.2025.13343.